18 .

$$\dot{}(\ ) = \underbrace{-[\ (\ ) - \lambda(\ )]}_{} - \underbrace{\delta}_{} + \underbrace{\xi(\ )}_{} + \underbrace{\zeta(\ )}_{}, \qquad (1)$$

$\sigma \equiv \sqrt{\ \ /\kappa}$ κ $\tau \equiv \gamma/\kappa$ γ .

$\delta \equiv \Delta\ \ /(\kappa\sigma)$ $\Delta\ \ = \Delta\rho(4/3)\pi^{3}$, $\Delta\rho$ $\xi(\ )$

$\langle \xi(\ )\xi(\ ') \rangle = 2\delta(\ - \ ')$.

$= 20\ \mu$. 20 μ .

$$\lambda_{\ +1} = \lambda_{\ } + \alpha(\ _{\ } - \lambda_{\ })\Theta(\ _{\ } - \lambda_{\ }), \qquad (2)$$

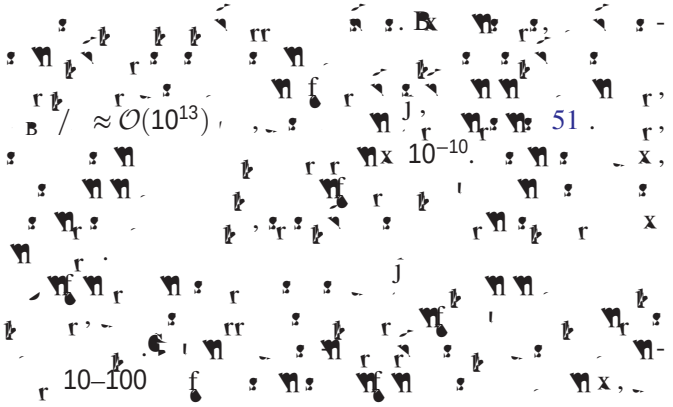
$\Theta(\ )$ α.

. (2) 18,35,36 .

N e b ba .— $\zeta(\ )$. (1)

37 .

(–)



B. , ? , j ,
. ? . . . . 114, 7561 (2017).
11 . . B , , x , r — ,
. . . x . 21, 905 (1982).
12 . . . f , - - j -
, ? . . x .
16, 125007 (2014).
13 . , , x r B , x ,
x . . . 124

52 [illegible]
53 [illegible]
54 [illegible] 104, 248001 (2010).

91 . . B x, l . . , ? . l . : , fx ' r:-
l r . . . 17 175 (2006).
92 . x , ' fx ' r: r . 19, 165 (2007).
93 . . j - :, ? . , . l . r: x ,
f : ' f : ' r x r r: r -
: r, : l : . : :. 17, 043001 (2008).
94 . . l : r , . l . : , . , fx ' r: r ,